

Additional files

Additional file 1. List of homologous collinear predicted genes between *C. canephora* BAC 46C02 and Arabidopsis, tomato, Medicago, grapevine and Populus.

<i>C. canephora</i> genes	Homologous colinear genes	Organisms	TBLASTN e-value	ESTs	e-value	% of identity
<i>g1</i>	<i>Pt-fgenes1_pm.C_scaffold_20100003</i>	<i>Populus trichocarpa</i>	e-123	/	/	/
<i>g1</i>	<i>Pt-fgenes1_pg.C_LG_XIII000424</i>	<i>Populus trichocarpa</i>	e-123	/	/	/
<i>g4</i>	<i>Pt-eugene3.02010011</i>	<i>Populus trichocarpa</i>	e-27	DT475121	0.0	99%
<i>g4</i>	<i>Vv-scaffold_2</i>	<i>Vitis vinifera</i>	e-27	EC988821	e-120	100%
<i>g5</i>	<i>Vv-scaffold_3</i>	<i>Vitis vinifera</i>	e-56	EC940787	0.0	100%
<i>g5</i>	<i>At3g04590</i>	<i>Arabidopsis thaliana</i>	e-38	BX840094	0.0	99%
<i>g5</i>	<i>Pt-estExt_Genewise1_v1.C_LG_XIII1600</i>	<i>Populus trichocarpa</i>	e-51	CV255878	0.0	99%
<i>g5</i>	<i>Mt-AC173834_18</i>	<i>Medicago truncatula</i>	e-42	EY475600	0.0	100%
<i>g5</i>	<i>Pt-eugene3.02010010</i>	<i>Populus trichocarpa</i>	e-50	CK095843	0.0	97%
<i>g6</i>	<i>At3g04580</i>	<i>Arabidopsis thaliana</i>	0.0	AI993817	0.0	98%
<i>g6</i>	<i>Mt-AC173834_17</i>	<i>Medicago truncatula</i>	0.0	BQ255431	0.0	99%
<i>g6</i>	<i>Vv-scaffold_4</i>	<i>Vitis vinifera</i>	0.0	EC936812	0.0	99%
<i>g6</i>	<i>Pt-fgenes1_pg.C_LG_XIII000426</i>	<i>Populus trichocarpa</i>	0.0	DN495148	0.0	99%
<i>g6</i>	<i>Pt-estExt_fgenes1_pg_v1.C_2010007</i>	<i>Populus trichocarpa</i>	0.0	CV267968	0.0	99%
<i>g6</i>	<i>At3g23150</i>	<i>Arabidopsis thaliana</i>	0.0	DR368990	0.0	100%
<i>g7</i>	<i>Mt-AC173834_16</i>	<i>Medicago truncatula</i>	e-76	AL378861	0.0	100%
<i>g7</i>	<i>Vv-scaffold_6</i>	<i>Vitis vinifera</i>	e-59	EE106074	0.0	97%
<i>g7</i>	<i>Pt-eugene3.00130440</i>	<i>Populus trichocarpa</i>	e-113	DB888767	0.0	98%
<i>g8</i>	<i>Vv-scaffold_7</i>	<i>Vitis vinifera</i>	e-77	FC070242	0.0	100%
<i>g8</i>	<i>At3g04570</i>	<i>Arabidopsis thaliana</i>	e-48	DR325809	0.0	99%
<i>g8</i>	<i>Pt-eugene3.00130441</i>	<i>Populus trichocarpa</i>	e-71	DT515909	0.0	99%
<i>g8</i>	<i>Mt-AC173834_15</i>	<i>Medicago truncatula</i>	e-52	BE999313	0.0	99%
<i>g9</i>	<i>Vv-scaffold_8</i>	<i>Vitis vinifera</i>	e-101	BQ794023	0.0	100%
<i>g9</i>	<i>Mt-AC173834_13</i>	<i>Medicago truncatula</i>	e-107	CB895147	0.0	98%
<i>g9</i>	<i>At3g04560</i>	<i>Arabidopsis thaliana</i>	e-108	BX835785	0.0	99%
<i>g9</i>	<i>Pt-estExt_fgenes1_pm_v1.C_LG_XIII0155</i>	<i>Populus trichocarpa</i>	e-117	CV280152	0.0	99%
<i>g10</i>	<i>Vv-scaffold_10</i>	<i>Vitis vinifera</i>	e-47	EC955073	0.0	100%
<i>g11</i>	<i>Pt-fgenes1_pg.C_LG_XIII000431</i>	<i>Populus trichocarpa</i>	e-109	DT493292	0.0	99%
<i>g11</i>	<i>Mt-AC173834_10</i>	<i>Medicago truncatula</i>	e-99	EV256119	0.0	99%
<i>g11</i>	<i>At3g04550</i>	<i>Arabidopsis thaliana</i>	e-90	CK119472	0.0	99%
<i>g11</i>	<i>Vv-scaffold_11</i>	<i>Vitis vinifera</i>	e-115	CV093031	0.0	99%

g12	<i>Vv-scaffold_12</i>	<i>Vitis vinifera</i>	e-51	/	/	/
g12	<i>Pt-eugene3.00130447</i>	<i>Populus trichocarpa</i>	e-47	CV262586	0.0	99%
g12	<i>At3g23240</i>	<i>Arabidopsis thaliana</i>	e-44	DR751135	0.0	99%
g14	<i>Pt-eugene3.00130453</i>	<i>Populus trichocarpa</i>	e-177	/	/	/
g14	<i>Mt-AC146861_16</i>	<i>Medicago truncatula</i>	e-152	CX528565	0.0	100%
g15	<i>At3g04530</i>	<i>Arabidopsis thaliana</i>	e-91	CB254020	0.0	99%
g15	<i>Sl-CU104691_13</i>	<i>Solanum lycopersicon</i>	e-133	CK271232	0.0	96%
g15	<i>Pt-eugene3.00130454</i>	<i>Populus trichocarpa</i>	e-104	DB875035	0.0	99%
g15	<i>Mt-AC146861_25</i>	<i>Medicago truncatula</i>	e-106	EY477467	0.0	99%
g16	<i>Sl-CU104691_12</i>	<i>Solanum lycopersicon</i>	0.0	BP883946	0.0	100%
g16	<i>Pt-estExt_fgenesh1_pg_v1.C_LG_XIII0467</i>	<i>Populus trichocarpa</i>	0.0	CV260927	0.0	99%
g17	<i>Sl-CU104691_11</i>	<i>Solanum lycopersicon</i>	e-179	/	/	/
g19	<i>At3g23250</i>	<i>Arabidopsis thaliana</i>	e-58	DR750576	0.0	99%
g21	<i>Sl-CU104691_10.5</i>	<i>Solanum lycopersicon</i>	/	/	/	/
